

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092518\
 Data File : VF060325.D
 Acq On : 25 Sep 2018 15:17
 Operator : VA/AP
 Sample : VF0925SBL01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0925SBL01

Quant Time: Sep 26 02:17:33 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	254906	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	424234	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	389081	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	215085	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	172598	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	4.27	113	199199	52.67	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.34%	
50) Toluene-d8	7.69	98	448177	45.51	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	11.50	95	206879	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

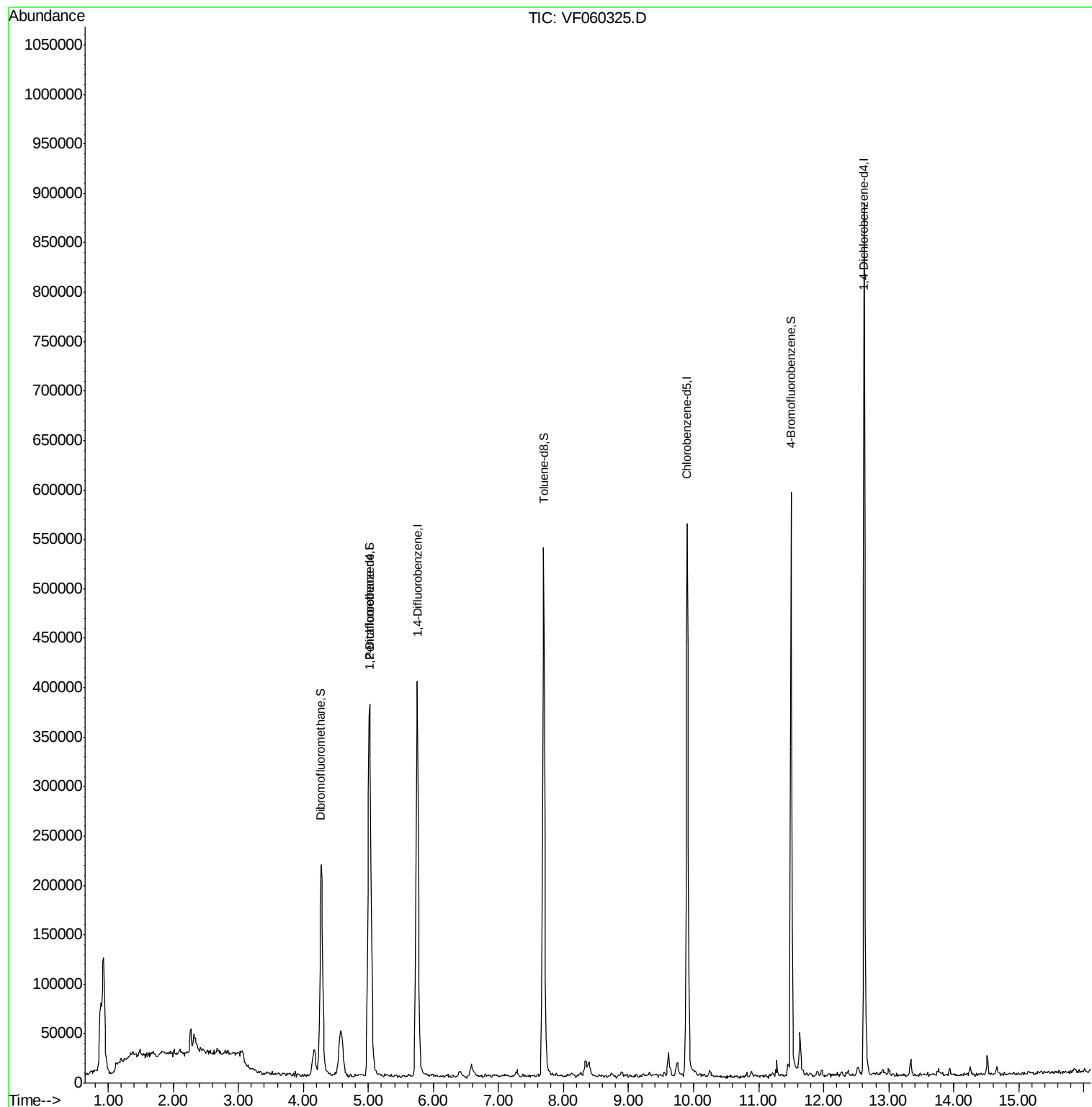
Target Compounds	Qvalue

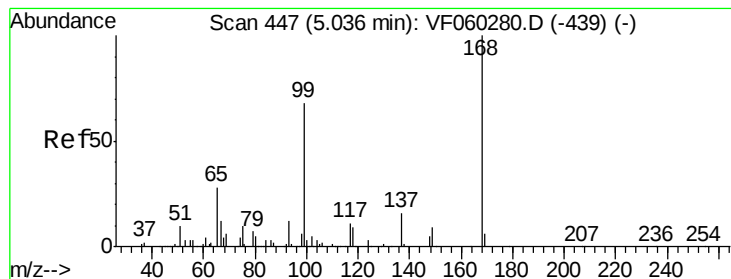
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.02 min

Lab File: VF060325.D

Acq: 25 Sep 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

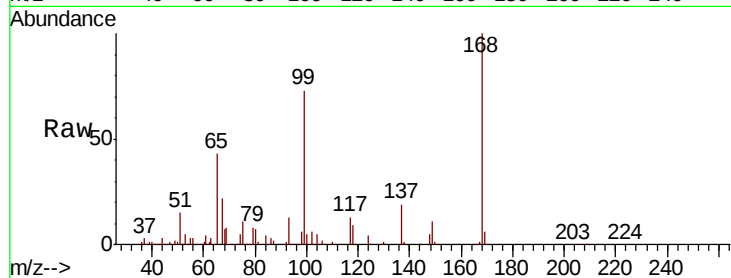
VF0925SBL01

Tot Ion:168 Resp: 254906

Ion Ratio Lower Upper

168 100

99 73.0 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

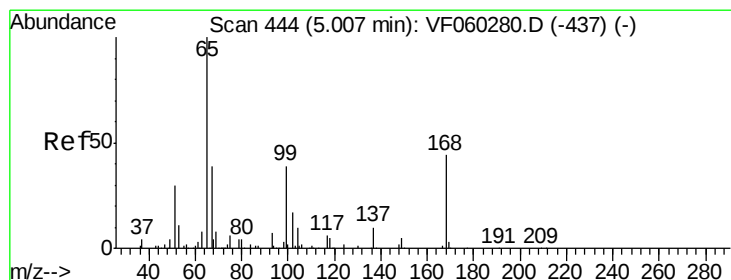
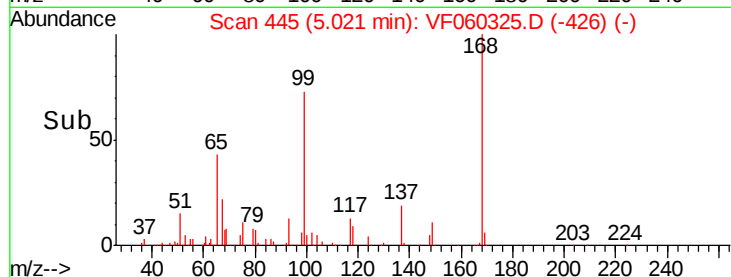
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 50.285 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.01 min

Lab File: VF060325.D

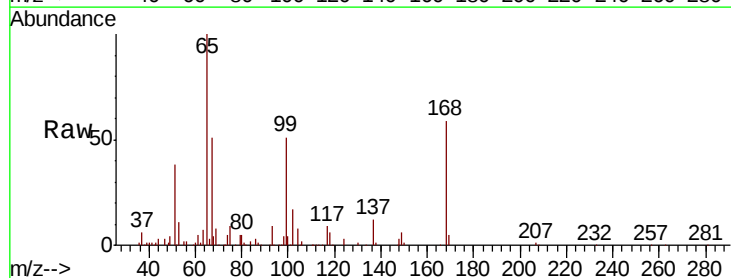
Acq: 25 Sep 2018 15:17

Tgt Ion: 65 Resp: 172598

Ion Ratio Lower Upper

65 100

67 50.7 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

60000

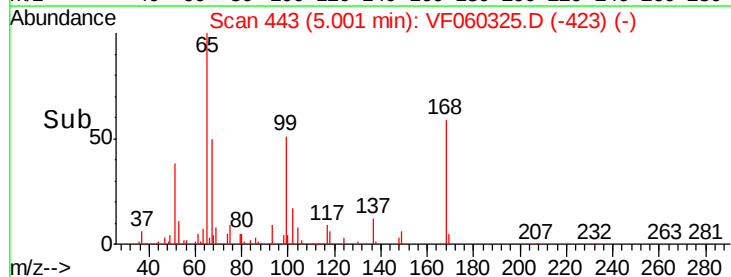
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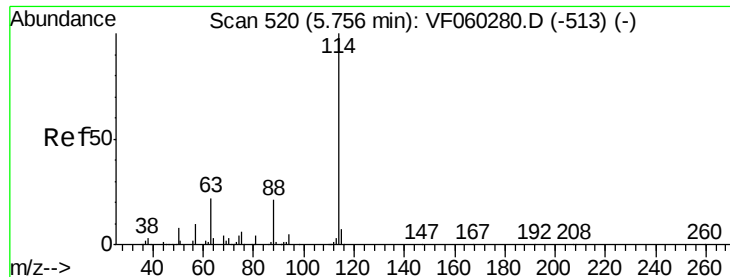
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Time-->

4.90 5.00 5.10 5.20

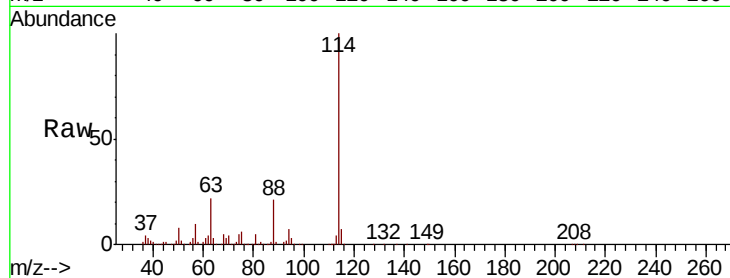




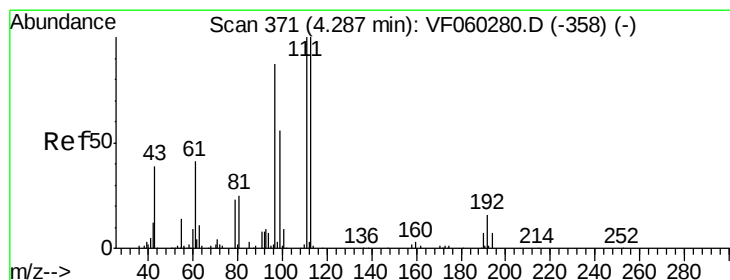
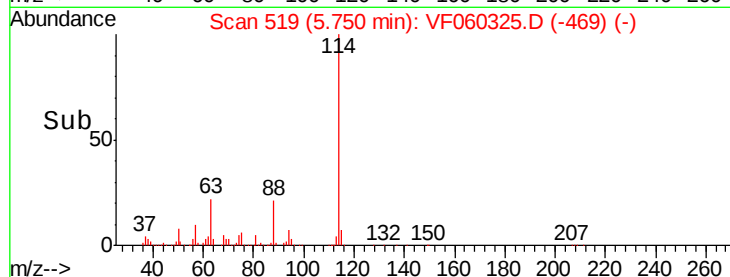
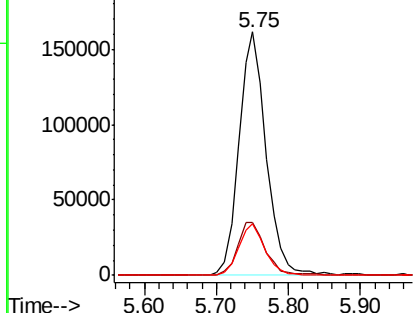
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: VF060325.D
 Acq: 25 Sep 2018 15:17

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0925SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.8
88	21.1	0.0	41.2

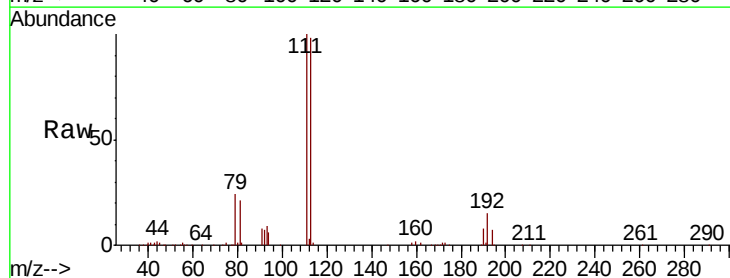


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

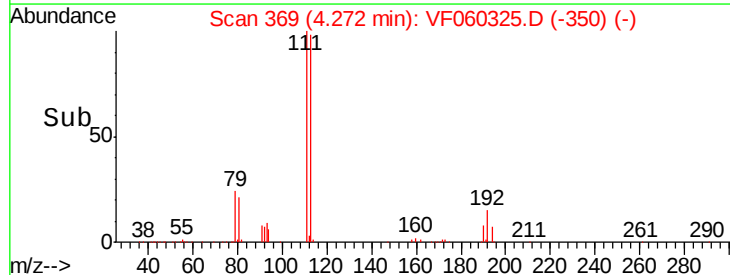
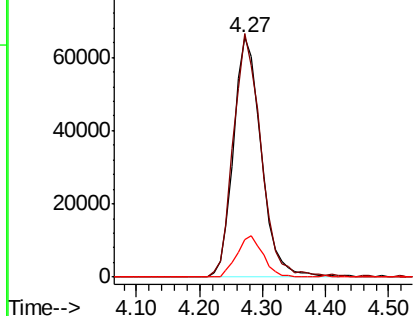


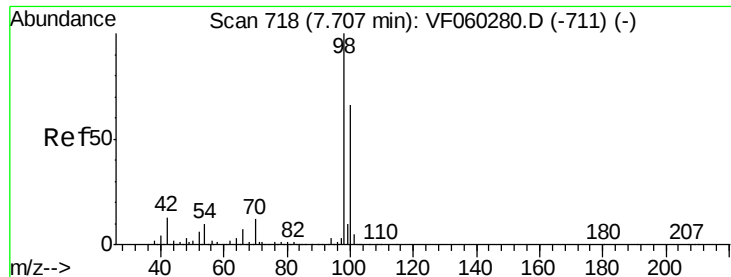
#35
 Dibromofluoromethane
 Concen: 52.674 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. -0.02 min
 Lab File: VF060325.D
 Acq: 25 Sep 2018 15:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	79.6	119.4
192	15.7	13.0	19.6



Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 45.507 ug/l

RT: 7.69 min Scan# 716

Delta R.T. -0.02 min

Lab File: VF060325.D

Acq: 25 Sep 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

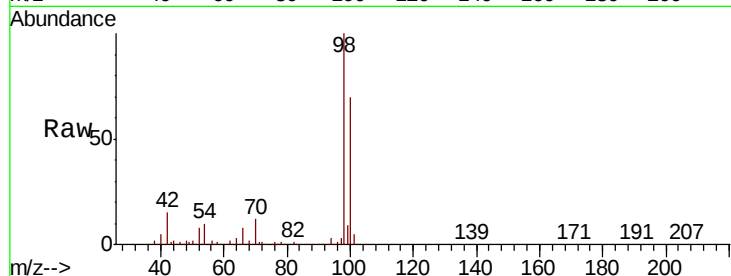
VF0925SBL01

Tot Ion: 98 Resp: 448177

Ion Ratio Lower Upper

98 100

100 69.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.69

200000

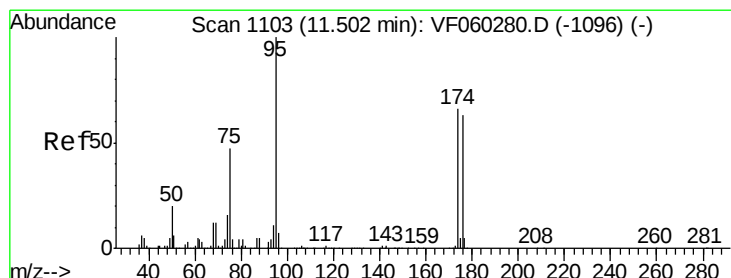
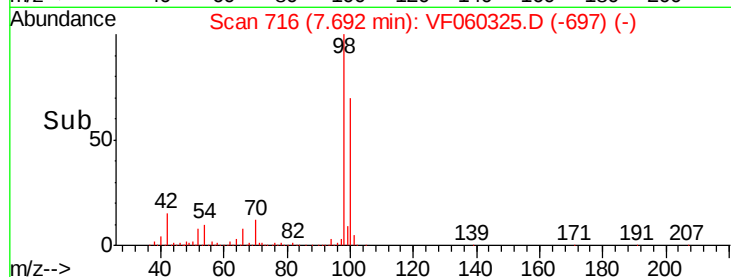
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.595 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VF060325.D

Acq: 25 Sep 2018 15:17

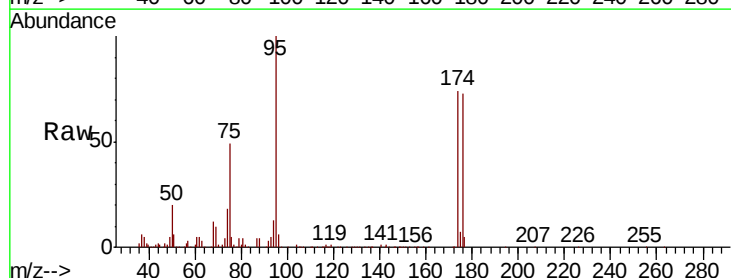
Tgt Ion: 95 Resp: 206879

Ion Ratio Lower Upper

95 100

174 74.4 0.0 131.2

176 72.8 0.0 126.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

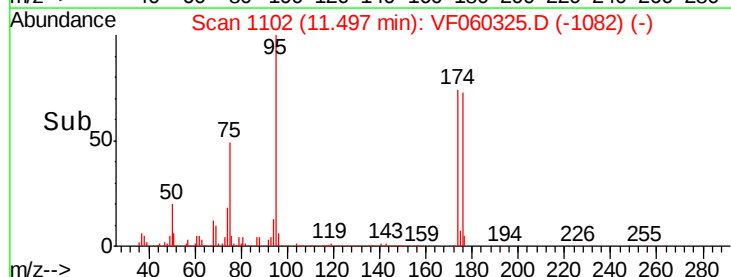
150000

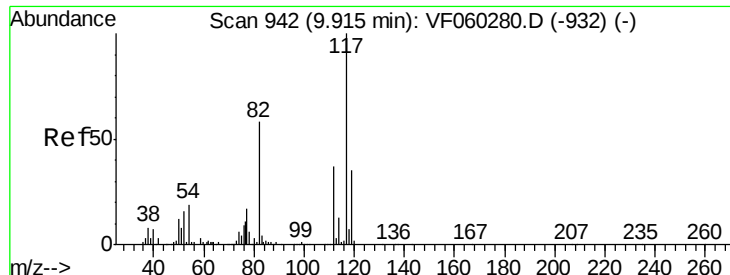
100000

50000

0

Time-->

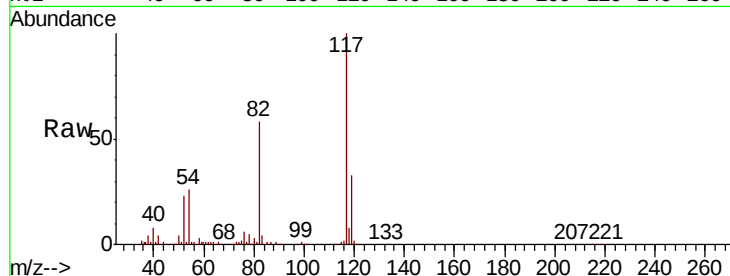




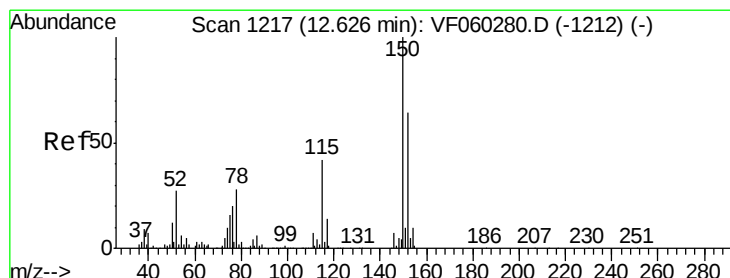
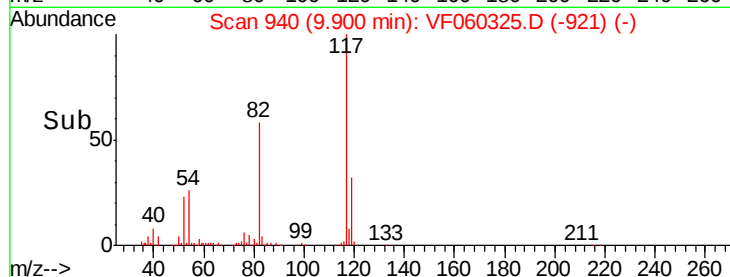
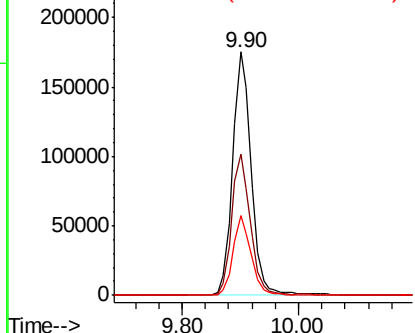
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.2	69.2
119	32.5	27.8	41.6

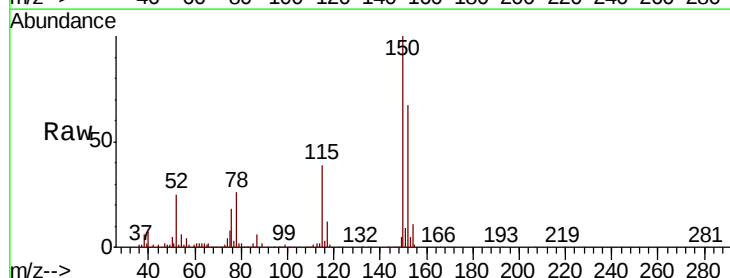


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	32.6	97.8
150	149.6	0.0	314.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

